

Datasheet for ABIN6992209
anti-VISTA antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	VISTA
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VISTA antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	VISTA antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human VISTA. The immunogen is located within the last 60 amino acids of VISTA.
Isotype:	IgG
Purification:	VISTA Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	VISTA
Alternative Name:	VISTA (VISTA Products)
Background:	The lymphocyte activation gene-3 (LAG3) is a member of the immunoglobulin superfamily and binds MHC class II with high affinity (1), negatively regulating T-cell function and homeostasis

Target Details

(2). It is expressed in B, T, and NK cells, monocytes, and dendritic cells (3), and acts to regulate T cell expansion (4). LAG3 is also an important immune checkpoint protein, with anti-LAG3 antibodies activating T effector cells and affecting regulatory T cell functions. Furthermore LAG3 appears to act in a synergistic fashion with PD-1/PD-L1, suggesting that a dual antibody approach may prove useful in cancer immunotherapy (5).

Gene ID:	64115
NCBI Accession:	NP_071436
UniProt:	Q9H7M9
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes: VISTA antibody can be used for Immunohistochemistry at 2 µg/mL. For Immunofluorescence start at 20 µg/mL. For Immunocytochemistry start at 1 µg/mL.

Antibody validated: Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	VISTA Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	VISTA antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.